



Department of Botany

B.Sc. Botany

PROGRAMME SPECIFIC OUTCOMES (PSOs)

On the successful completion of B.Sc. Botany, the students will

PSO1: obtain fundamental and advanced knowledge of plant science

PSO2: acquire practical skills to gather information, analyze and propose new ideas to solve problems and develop entrepreneurial skills.

PSO3: obtain knowledge and technical skill through various botanical field research that develop critical and independent thinking.

PSO4: communicate effectively and articulate clearly the scientific ideas by applying statistical skills and Bioinformatics tool and make use of appropriate software to analyze the biological data.

PSO5: imbibe Bio safety and bio-ethical values with a sense of responsibility in the field of Plant Recombinant DNA Technology and genetically modified crops.

PSO6: acquire inter-personal skills and leadership skills to build a team and become an entrepreneur in the field of Mushroom cultivation, Horticulture farms, Biofertilizer, *Azolla* and *Spirulina* production and in other fields.

PSO7: recognize the need of self learning through Internship programme, group Project, courses by NPTEL, MOOC and to acquire knowledge through self-directed and lifelong learning.